Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032620\
Data File : VV015210.D
Acq On : 27 Mar 2020 13:48
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

Manual Integrations APPROVED
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Quant Time: Mar 28 03:43:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 28 01:31:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	679905	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	673597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	321077	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	146041	40.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.06%			
7) Chloroethane-d5	1.58	69	153973	41.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.74%			
11) 1,1-Dichloroethene-d2	2.12	63	359246	43.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.38%			
21) 2-Butanone-d5	3.94	46	348031	95.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.82%			
24) Chloroform-d	4.38	84	369568	46.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.46%			
26) 1,2-Dichloroethane-d4	5.06	65	243316	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.20%			
32) Benzene-d6	5.08	84	609675	44.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.10	67	223258	44.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.34%			
41) Toluene-d8	7.34	98	546411	43.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.04%			
43) trans-1,3-Dichloropropene-	7.64	79	120442	44.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.50%			
47) 2-Hexanone-d5	8.12	63	274388	93.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.89%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	397560	46.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.68%			
64) 1,2-Dichlorobenzene-d4	11.65	152	271646	45.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	258635	43.111	ug/L	98
3) Chloromethane	1.25	50	287592	44.143	ug/L	100
5) Vinyl chloride	1.32	62	299576	44.890	ug/L	100
6) Bromomethane	1.53	94	181320	42.100	ug/L	98
8) Chloroethane	1.60	64	185390	42.485	ug/L	97
9) Trichlorofluoromethane	1.77	101	471236	42.792	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	259198	46.539	ug/L	99
12) 1,1-Dichloroethene	2.13	96	251667	45.895	ug/L	96
13) Acetone	2.23	43	206520m	82.212	ug/L	
14) Carbon disulfide	2.31	76	622656	44.279	ug/L	100
15) Methyl Acetate	2.46	43	228610	43.959	ug/L	100
16) Methylene chloride	2.53	84	235769	46.060	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	213075	44.711	ug/L	99
18) Methyl tert-butyl Ether	2.79	73	721043	44.892	ug/L	100
19) 1,1-Dichloroethane	3.21	63	401244	45.582	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	243108	45.795	ug/L #	99
22) 2-Butanone	4.02	43	328585	83.144	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.28	128	117852	45.888 ug/L	98
25) Chloroform	4.41	83	423950	46.749 ug/L	97
27) 1,2-Dichloroethane	5.16	62	332950	46.309 ug/L	99
29) Cyclohexane	4.70	56	366701	44.480 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	387200	45.392 ug/L	100
31) Carbon tetrachloride	4.86	117	326609	45.551 ug/L	100
33) Benzene	5.13	78	921495	45.951 ug/L	100
34) Trichloroethene	5.94	95	241628	46.253 ug/L	100
35) Methylcyclohexane	6.15	83	388591	44.762 ug/L	100
37) 1,2-Dichloropropane	6.20	63	231923	45.233 ug/L	100
38) Bromodichloromethane	6.53	83	331531	45.625 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	387570	45.222 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	685973	88.717 ug/L	100
42) Toluene	7.41	91	1027419	45.923 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	377740	45.144 ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	232171	46.257 ug/L	98
46) Tetrachloroethene	8.00	164	160908	45.834 ug/L	98
48) 2-Hexanone	8.17	43	516737	84.630 ug/L	96
49) Dibromochloromethane	8.27	129	255271	46.160 ug/L	99
50) 1,2-Dibromoethane	8.37	107	251116	45.964 ug/L	100
51) Chlorobenzene	8.90	112	652530	45.662 ug/L	98
52) Ethylbenzene	9.04	91	1160624	46.044 ug/L	99
53) m,p-Xylene	9.16	106	445999	46.379 ug/L	98
54) o-xylene	9.57	106	442273	45.789 ug/L	100
55) Styrene	9.58	104	759665	46.486 ug/L	99
56) Isopropylbenzene	9.95	105	1158507	46.718 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	374402	44.254 ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	312835	45.928 ug/L	100
61) Bromoform	9.75	173	161224	43.584 ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	481239	44.703 ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	484849	44.584 ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	486706	44.592 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	101864	42.007 ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	306460	44.488 ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	283856	43.201 ug/L	98
69) Naphthalene	13.53	128	1142168	43.408 ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	289305	43.973 ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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